

State of California  
Regional Water Quality Control Board  
San Diego Region

EXECUTIVE OFFICER SUMMARY REPORT  
September 8, 2004

ITEM: 10

SUBJECT: UPDATE OF WASTE DISCHARGE REQUIREMENTS:  
LEUCADIA WASTEWATER DISTRICT, FOREST R. GAFNER  
WATER RECLAMATION PLANT, SAN DIEGO COUNTY  
(TENTATIVE ORDER NO. R9-2004-0223) (*David Hanson*)

PURPOSE: To consider adoption of tentative waste discharge requirements for the Leucadia Wastewater District (LWD), Forest R. Gafner Water Reclamation Plant (FRGWRP), San Diego County.

PUBLIC NOTICE: The agenda notice for the September 8, 2004 Regional Board meeting that was mailed on August 20, 2004 served as the required 10-day public notice for this item. Copies of the tentative Order and tentative monitoring and reporting program were mailed to the discharger and interested parties on August 5, 2004.

DISCUSSION: Current Order No. 93-41 for the FRGWRP contains outdated information and Title 22 requirements and needs to be updated. The FRGWRP, which treats secondary effluent wastewater obtained from the Encina Wastewater Authority's Encina Water Pollution Control Facility and produces Title 22 disinfected tertiary recycled wastewater, is located at 1960 La Costa Avenue in Carlsbad (see attached map). Except for a small amount used onsite, all water produced at the FRGWRP is distributed to the La Costa Golf Course. The findings of the tentative Order describe the facility in greater detail. If adopted, tentative Order No. R9-2004-0223 would authorize the LWD to continue discharge of up to 1.0 million gallons per day of tertiary treated municipal wastewater to the La Costa Golf Course located within the Batiquitos Hydrologic Subarea (HSA) (4.51). Significant changes from the current permit are described below.

Some minor comments have been received from the discharger to date. Staff's responses to comments and any necessary changes to the tentative Order will be provided in the second mailing.

**KEY ISSUES:**

1. Since the Basin Plan beneficial uses and water quality objectives listed for groundwater within the Batiquitos (4.51) HSA do not apply to the area where the La Costa Golf Course is located (between Highway 78 and El Camino Real), the tentative Order contains no discharge specifications other than flow restriction and those required for compliance with applicable Title 22 standards.
2. The monitoring program for San Marcos Creek has been revised to obtain more appropriate data.

**LEGAL CONCERNS:**

None

**SUPPORTING  
DOCUMENTS:**

1. Facility location map
2. Tentative Order No. R9-2004-0223
3. Tentative Monitoring and Reporting Program No. R9-2004-0223

**SIGNIFICANT  
CHANGES FROM  
CURRENT ORDER:**

Of the changes proposed in tentative Order R9-2004-0223, the following can be considered significant:

1. At the request of the LWD, the tentative Order only establishes requirements for the use of reclaimed water produced at the FRGWRP onsite and at the La Costa Golf Course.
2. The Basin Plan beneficial uses and water quality objectives listed for groundwater within the Batiquitos (4.51) HSA do not apply to the area where the La Costa Golf Course is located (between Highway 78 and El Camino Real). Therefore, the tentative Order does not contain discharge specifications for Basin Plan constituents.
3. The tentative Order incorporates up-to-date discharge specifications, provisions, and monitoring requirements in accordance with the current State Department of Health Services (DHS) Title 22 reclamation regulations
4. The tentative monitoring and reporting program (MRP) includes requirements for quarterly monitoring of San Marcos Creek for nitrogen, phosphorous, methylene blue active substances, and total coliform to provide information to assess whether irrigation of the La Costa Golf Course with reclaimed water negatively impacts surface water in the area.

**COMPLIANCE  
RECORD:**

The FRGWRP has had chronic violations of the manganese discharge specifications contained in Order No. 93-41. However, the discharge specifications in the current Order were developed to allow for recycled water use in areas within the Batiquitos HSA where groundwater beneficial uses and water quality objectives apply. Since water quality objectives do not apply to the area received recycled water, no discharge specifications for manganese are included in the tentative Order and the discharge will no longer be in violation.

**RECOMMENDATION:**

Adoption of tentative Order No. R9-2003-0223 is recommended.